

## Monthly Weather Summary in Thailand November 2011

The weather condition during this month was dominated by the high pressure area from China covering upper Thailand and the northeast monsoon prevailing over southern part. These caused cool weather in the upper Thailand, particularly in the northern, northeastern and upper central part. Cold weather was observed in the upper portion with cold and very cold weather in the mountainous areas and mountain top. Moreover, upper Thailand experienced unusual rainfall due to the westerly trough moving through northern and northeastern part of Thailand during early month, then there was scanty rain for the rest of month. Southern Thailand obtained intermittent rainfall nearly the whole month and received plentiful rainfall with flash flooding along the east coast during 21<sup>st</sup>-23<sup>rd</sup>. Besides, some areas remained severe flooding from the previous month at Phra Nakhon Si Ayutthaya, Ang Thong, Saraburi, Lop Buri, Sing Buri, Nakhon Pathom, Pathum Thani, Nonthaburi provinces and Bangkok Metropolis.

The total rainfall over Thailand in November was 34% below normal. Monthly rainfall was lower than normal in every parts i.e. northern part 20.7 mm (61%), northeastern part 12.1 mm (68%), central 31.9 mm (87%), eastern part 47.7 mm (78%), southern part (east coast) 100.0 mm (26%) and southern part (west coast) 26.2 mm (13%). Mean temperatures of November was 1.0 °C above normal with 2.0-2.5 °C higher than normal in some areas.

**1-10 November:** Under the influence of a ridge of high pressure, cool weather occurred in the northern part with cold weather in some areas, while northeastern part experienced cool weather mainly during the first half of the period. Cool weather also remained in some areas of central and eastern parts. The minimum temperature of the period was 15.1 °C, at Umphang in Tak province on November 6 and 6.6 °C in the area of mountain top at Doi Inthanon, in Chiang Mai province on November 10. With the passage of the westerly trough, upper Thailand turned unseasonable rainfall mainly in the second half of the period, the heaviest daily rainfall was 123.0 mm at Khlong Khlung in Kamphaeng Phet province on November 9. Southern Thailand experienced widely scattered to scattered rain with isolated heavy rainfall by the influence of the northeast monsoon and the monsoon trough. The maximum daily rainfall was 76.2 mm at Na Mom in Songkhla province on November 5.

**11-20 November:** The ridge of rather active high pressure from China covering upper Thailand caused temperature relatively decreased to cold weather in the upper portion of northern and northeastern parts especially in mountainous area and mountaintop that experienced cold and very cold weather. The lowest minimum temperature was 12.6 °C at Agrometeorological Station in Chiang Rai province on November 12 and 6.0 °C was measured at Doi Angkhang, Amphoe Fang in Chiang Mai province on November 11 and Doi Inthanon in Chiang Mai province on November 13. There was scanty rain in upper Thailand while scattered to fairly widespread rain with isolated heavy to very heavy rainfall was observed in southern part mainly along the east coast. The heaviest daily rainfall of 152.5 mm was measured at Phrom Khiri in Nakhon Si Thammarat province on November 13 with flash flooding at Phattalung province on November 20.

**21-30 November:** The rather active high pressure area extended to cover upper Thailand with the passage of westerly trough through the northern part resulted in cool and cold weather in upper Thailand especially in the northern, northeastern and upper central parts. Scanty rain was observed in some areas. The lowest minimum temperature was 13.8 °C at Agrometeorological Station in Chiang Rai province on November 21 and it dropped to 5.2 °C over the area of mountain top at Doi Intanon, Amphoe Chom Thong in Chiang Mai province on November 21. In southern part, the northeast monsoon was active during the first half of the period causing plentiful of rainfall with flash flooding at Surat Thani, Nakhon Si Thammarat, Yala, Narathiwat and Trang provinces on November 22 and at Songkhla and Pattani provinces on November 23. The maximum daily rainfall was 285.2 mm at Mayo in Pattani province on November 23.

---

*Note : Rainfall, temperatures and natural disasters in this report were updated up to December 2, 2011.*

Monthly Current Report  
Rainfall and Accumulative Rainfall  
November 2011

Northern Thailand

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Chiang Rai	22.4	0.4	11.6	-45.0	2036.3	352.6
Mae Hong Son	23.3	-0.5	14.4	-30.8	1685.8	417.8
Phayao	22.5	-0.4	1.8	-38.7	1391.4	307.0
Chiang Mai	25.0	1.2	6.7	-44.7	1448.9	333.0
Tha Wang Pha	23.4	0.4	8.2	-17.2	1941.7	554.7
Nan	24.4	0.8	25.1	4.6	1953.2	722.7
Lamphun	24.2	0.3	44.6	-3.5	1706.7	751.5
Lampang	24.4	0.7	0.5	-33.8	1862.5	810.1
Mae Sariang	24.0	-0.1	32.8	11.9	1646.4	515.5
Phrae	24.5	0.3	1.4	-20.7	1550.0	475.1
Uttaradit	26.3	0.6	0.3	-29.6	2112.1	705.9
Bhumibol Dam	24.9	0.1	0.3	-49.4	1324.1	295.4
Tak	25.9	1.2	0.0	-60.8	1407.5	358.9
Mae Sot	25.3	1.2	0.0	-24.7	2060.0	668.9
Umphang	22.7	1.0	0.7	-26.2	1928.9	504.6
Phitsanulok	26.9	0.8	31.8	-1.5	1853.6	524.6
Lom Sak	26.2	1.0	0.0	-14.8	1035.5	-4.3
Phetchabun	26.4	1.3	12.1	1.6	1602.1	529.6
Wichian Buri	27.0	0.9	48.5	31.9	1612.4	413.1
Kamphaeng Phet	26.6	0.9	27.2	-22.9	1594.1	319.4
Over the area	24.8	0.6	13.4	-20.7 -61%	1687.7	478.0 40%

Northeastern Thailand

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Nong Khai	25.9	1.7	5.1	-6.8	2408.8	874.5
Loei	24.4	1.1	7.4	-11.0	1972.0	740.0
Udon Thani	25.4	0.7	42.1	34.3	1714.5	328.7
Nakhon Phanom	25.5	1.5	0.5	-8.3	2719.6	468.6
Sakon Nakhon	25.3	1.2	2.8	-3.6	1892.6	299.0
Mukdahan	25.4	1.2	0.3	-9.6	1775.2	270.8
Khon Kaen	25.8	1.2	11.8	-3.1	1377.1	172.9
Kosum Phisai	26.4	1.3	0.4	-13.7	1365.8	151.6
Roi Et	25.8	1.3	0.0	-12.1	1550.1	206.9
Chaiyaphum	26.3	1.1	0.8	-15.5	1274.3	161.6
Ubon Ratchathani	26.2	1.3	0.0	-22.7	1956.8	376.7
Tha Tum	26.6	1.4	5.0	-13.1	1544.1	155.1
Surin	26.6	1.7	0.3	-26.1	1804.7	454.1
Nakhon Ratchasima	26.4	1.5	14.1	-12.9	1208.6	176.9
Chok Chai	26.3	1.5	1.5	-34.0	1186.9	92.1
Nang Rong	25.6	0.6	0.0	-36.8	1301.1	115.2
Over the area	25.9	1.3	5.8	-12.1 -68%	1690.8	315.2 23%

- NOTES :
- 1) Mean temperature is the average of daily dry-bulb temperature
  - 2) "T" is trace, rainfall amount less than 0.1 mm.
  - 3) "blank" is incomplete data.
  - 4) Temperature and rainfall are preliminary data.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
November 2011

Central Thailand

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Nakhon Sawan	27.2	0.9	24.9	-5.6	1542.3	469.8
Bua Chum	26.7	1.2	0.0	-17.2	1112.0	29.7
Lop Buri	28.3	1.5	7.1	-27.8	1270.6	151.2
Suphan Buri	28.2	1.8	0.0	-42.2	999.9	-50.7
Thong Pha Phum	26.1	1.1	0.0	-24.7	1913.9	153.3
Kanchanaburi	27.8	1.7	1.7	-61.0	1067.0	17.9
Bangkok Airport	-	-	-	-	1958.0	733.6
Bangkok Metropolis	29.4	2.3	0.9	-45.1	2239.6	701.4
Over the area	27.7	1.4	4.9	-31.9 -87%	1512.9	275.7 22%

Eastern Thailand

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Prachin Buri	28.9	1.7	0.0	-35.1	2468.5	597.1
Kabin Buri	27.3	0.7	6.5	-24.9	1156.7	-489.6
Aranyaprathet	27.9	1.8	9.9	-37.2	1429.0	56.2
Chon Buri	29.4	2.5	5.5	-52.7	1703.8	409.7
Ko Sichang	28.4	1.5	0.0	-63.2	1021.8	-224.9
Pattaya	28.1	1.6	0.0	-83.7	1290.6	173.2
Sattahip	27.5	0.9	31.0	-56.6	1409.2	131.8
Rayong	27.8	0.7	18.9	-47.6	1649.8	253.1
Chanthaburi	28.0	1.5	54.2	-1.2	3316.7	472.8
Khlong Yai	28.2	0.9	9.5	-75.4	5463.2	746.3
Over the area	28.2	1.4	13.6	-47.7 -78%	2090.9	212.4 11%

- NOTES :
- 1) Mean temperature is the average of daily dry-bulb temperature
  - 2) "T" is trace, rainfall amount less than 0.1 mm.
  - 3) "blank" is incomplete data.
  - 4) Temperature and rainfall are preliminary data.

Monthly Current Report  
Rainfall and Accumulative Rainfall  
November 2011

Southern Thailand, east coast

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Phetchaburi	28.2	1.5	0.9	-122.1	977.1	0.8
Hua Hin	28.4	2.0	0.6	-146.8	681.3	-272.0
Prachuap Khiri Khan	27.8	1.6	25.1	-174.8	832.7	-257.7
Chumphon	27.0	1.1	247.9	-86.3	1957.4	179.8
Surat Thani	26.7	0.7	81.7	-220.4	1800.9	415.9
Ko Samui	27.9	1.3	81.1	-409.3	2536.2	801.0
Nakhon Si Thammarat	26.5	0.5	491.7	-133.0	3796.7	1816.4
Songkhla	27.4	0.6	476.8	-90.5	2467.5	892.9
Hat Yai Airport	26.4	0.6	399.2	81.1	1859.3	444.1
Pattani Airport	26.7	0.6	517.5	79.7	1947.9	468.6
Narathiwat	26.5	0.3	732.2	122.5	3198.2	1272.6
Over the area	27.2	1.0	277.7	-100.0 -26%	2005.0	523.8 35%

Southern Thailand, west coast

Station	Temperature ( °c)		Rainfall (mm)		Accumulative rainfall (mm) Since 1 January	
	Mean	Above or below normal	Actual	Above or below normal	Actual	Above or below normal
Ranong	27.4	1.3	27.2	-146.7	4129.4	45.7
Takua Pa	27.0	0.6	162.3	-112.8	4177.4	594.7
Phuket	28.6	1.2	161.8	-12.0	2350.5	138.7
Phuket Airport	27.7	1.1	282.7	66.7	2998.5	567.6
Ko Lanta	27.5	0.5	172.4	11.7	1974.3	-160.8
Trang Airport	26.9	0.8	231.5	25.2	2196.8	110.9
Satun	27.4	0.6	197.5	-15.3	2328.4	130.4
Over the area	27.5	0.9	176.5	-26.2 -13%	2879.3	203.9 8%

- NOTES :
- 1) Mean temperature is the average of daily dry-bulb temperature
  - 2) "T" is trace, rainfall amount less than 0.1 mm.
  - 3) "blank" is incomplete data.
  - 4) Temperature and rainfall are preliminary data.